Maximilian H H Wurzenberger

List of Publications by Year
in descending order

32	748	430442 18	552369 26
papers	citations	h-index	g-index

33	33	33	308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advancement and stabilization of copper(<scp>ii</scp>) azide by the use of triazole- and tetrazole ligands â€“ enhanced primary explosives. Materials Advances, 2022, 3, 579-591.	2.6	8
2	Power of sulfur â€“ Chemistry, properties, laser ignition and theoretical studies of energetic perchlorate-free 1,3,4-thiadiazole nitramines. Chemical Engineering Journal, 2022, 443, 136246.	6.6	15
3	1â€(Azidomethyl)â€5Hâ€Tetrazole: A Powerful New Ligand for Highly Energetic Coordination Compounds. Chemistry - A European Journal, 2022, 28, .	1.7	19
4	Nâ€Fluoromethylated (Amino)Tetrazoles: Manipulating Thermal and Energetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 341-349.	0.6	4
5	Nitratoethyl-5H-tetrazoles: improving the oxygen balance through application of organic nitrates in energetic coordination compounds. Dalton Transactions, 2021, 50, 10811-10825.	1.6	28
6	Tailoring the properties of 3d transition metal complexes with different N-cycloalkyl-substituted tetrazoles. New Journal of Chemistry, 2021, 45, 11042-11050.	1.4	19
7	1â€Aminoâ€5â€methyltetrazole in Energetic 3â€‰d Transition Metal Complexes â€“ Ligand Design for Future Primary Explosives. Propellants, Explosives, Pyrotechnics, 2021, 46, 207-213.	1.0	23
8	Investigation of Ethylenedinitramine as a Versatile Building Block in Energetic Salts, Cocrystals, and Coordination Compounds. Inorganic Chemistry, 2021, 60, 4816-4828.	1.9	9
9	A Smart Access to the Dinitramide Anion â€“ The Use of Dinitraminic Acid for the Preparation of Nitrogenâ€Rich Energetic Copper(II) Complexes. Chemistry - A European Journal, 2021, 27, 9112-9123.	1.7	15
10	Low-Power Laser Ignition of an Antenna-Type Secondary Energetic Copper Complex: Synthesis, Characterization, Evaluation, and Ignition Mechanism Studies. Inorganic Chemistry, 2021, 60, 10909-10922.	1.9	3
11	Selective Synthesis and Characterization of the Highly Energetic Materials 1â€Hydroxyâ€5Hâ€tetrazole (CHN₄O), its Anion 1â€Oxidoâ€5Hâ€tetrazolate (CN₄O^{â^’}) and Bis(1â€hydroxytetrazolâ€5â€yl)triazene. Chemistry - an Asian Journal, 2021, 16, 3001-3012.	1.7	15
12	OZM Ball Drop Impact Tester (BITâ€132) vs. BAM Standard Method â€“ a Comparative Investigation. Propellants, Explosives, Pyrotechnics, 2020, 45, 147-153.	1.0	31
13	Closing the Gap: Synthesis of Three Isomeric N,N-Ditetrazolylmethane Ligands and Their Coordination Proficiency in Adaptable Laser Responsive Copper(II) and Sensitive Silver(I) Complexes. Inorganic Chemistry, 2020, 59, 10938-10952.	1.9	14
14	Urazine â€“ a Long Established Heterocycle and Energetic Chameleon. European Journal of Organic Chemistry, 2020, 2020, 4916-4924.	1.2	11
15	Taming the Dragon: Complexation of Silver Fulminate with Nitrogen-Rich Azole Ligands. Inorganic Chemistry, 2020, 59, 17875-17879.	1.9	23
16	Comparison of 1-Propyl-5H-tetrazole and 1-Azidopropyl-5H-tetrazole as Ligands for Laser Ignitable Energetic Materials. ACS Applied Energy Materials, 2020, 3, 3798-3806.	2.5	32
17	Copper(II) Dicyanamide Complexes with Nâ€Substituted Tetrazole Ligands â€“ Energetic Coordination Polymers with Moderate Sensitivities. ChemPlusChem, 2020, 85, 769-775.	1.3	13
18	Salts of Picramic Acid â€“ Nearly Forgotten Temperatureâ€Resistant Energetic Materials. Propellants, Explosives, Pyrotechnics, 2020, 45, 898-907.	1.0	3

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19	Veredelung von Kupfer(II)â€azid mittels 1â€Alkylâ€5 H â€tetrazolen: LeistungsfÃhige energetische Komplexverbindungen. Angewandte Chemie, 2020, 132, 12466-12469.	1.6	4
20	Refinement of Copper(II) Azide with 1â€Alkylâ€5Hâ€tetrazoles: Adaptable Energetic Complexes. Angewandte Chemie - International Edition, 2020, 59, 12367-12370.	7.2	46
21	3-Bromotetrazine: labelling of macromolecules via monosubstituted bifunctional s-tetrazines. Chemical Science, 2020, 11, 3042-3047.	3.7	27
22	1â€AminoTriazole Transitionâ€Metal Complexes as Laserâ€Ignitable and Leadâ€Free Primary Explosives. Chemistry - A European Journal, 2019, 25, 1963-1974.	1.7	27
23	Comparison of 1â€Ethylâ€5Hâ€tetrazole and 1â€Azidoethylâ€5Hâ€tetrazole as Ligands in Energetic Transition Metal Complexes. Chemistry - an Asian Journal, 2019, 14, 2018-2028.	1.7	41
24	Synthesis and comparison of copper(<scp>ii</scp>) complexes with variousN-aminotetrazole ligands involving trinitrophenol anions. New Journal of Chemistry, 2019, 43, 18193-18202.	1.4	24
25	2,2â€Bis(5â€tetrazolyl)propane as Ligand in Energetic 3d Transition Metal Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 354-361.	0.6	9
26	2-Methyl-substituted monotetrazoles in copper(<scp>ii</scp>) perchlorate complexes: manipulating coordination chemistry and derived energetic properties. New Journal of Chemistry, 2019, 43, 609-616.	1.4	27
27	Highly functional energetic complexes: stability tuning through coordination diversity of isomeric propyl-linked ditetrazoles. Journal of Materials Chemistry A, 2018, 6, 6565-6577.	5.2	52
28	Copper(II) Chlorate Complexes: The Renaissance of a Forgotten and Misjudged Energetic Anion. Journal of the American Chemical Society, 2018, 140, 3206-3209.	6.6	49
29	Potassium Nâ€Nitraminoâ€5Hâ€Tetrazolates â€“ Powerful Green Primary Explosives with High Initiation Capabilities. Propellants, Explosives, Pyrotechnics, 2018, 43, 1203-1209.	1.0	13
30	Maximization of the energy capability level in transition metal complexes through application of 1-amino- and 2-amino-5H-tetrazole ligands. Journal of Materials Chemistry A, 2018, 6, 16257-16272.	5.2	50
31	Nitrogen-Rich Copper(II) Bromate Complexes: an Exotic Class of Primary Explosives. Inorganic Chemistry, 2018, 57, 7940-7949.	1.9	32
32	Coordination chemistry with 1-methyl-5H-tetrazole: cocrystallization, laser-ignition, lead-free primary explosives â€“ one ligand, three goals. Journal of Materials Chemistry A, 2017, 5, 23753-23765.	5.2	61